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(57) Abstract :

A pizza-slice cutting assistive device, comprising a circular frame 1 developed to be positioned on center of a pizza, a microphone 2 integrated in the frame 1 for enabling a user to provide input specifications regarding a user-desired number of slices to be cut, an artificial intelligence-based imaging unit 3 integrated in the frame 1 to determine dimensions of the pizza, a motorized cutter 4 arranged on the frame 1 to cut the evaluated portions for obtaining the user-specified number of slices and a pair of robotic arms 5 arranged on the frame 1 to acquire a grip of ends of the slices for pulling the slice, thereby allowing the user to grab the slice.

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